

FIG. 1A (prior art)

ACOUSTIC SOURCE LOCALIZATION SYSTEM AND
METHOD

Inventors: Stanley T. Birchfield & Daniel K. Gillmor

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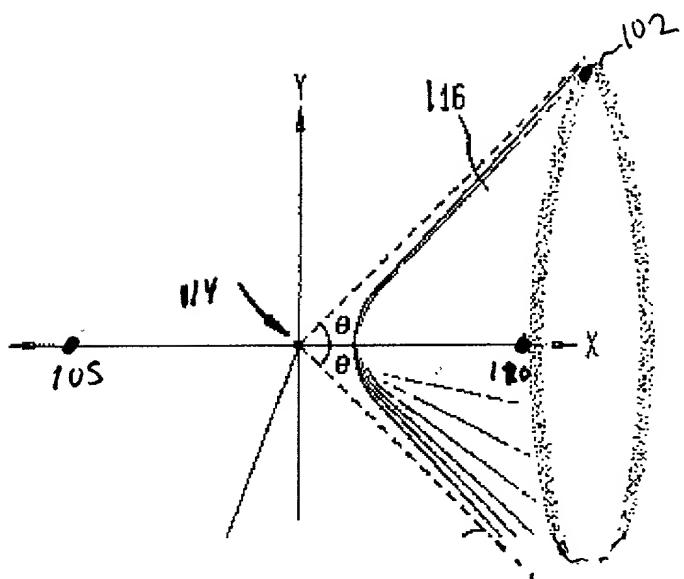


FIG. 1B (prior art)

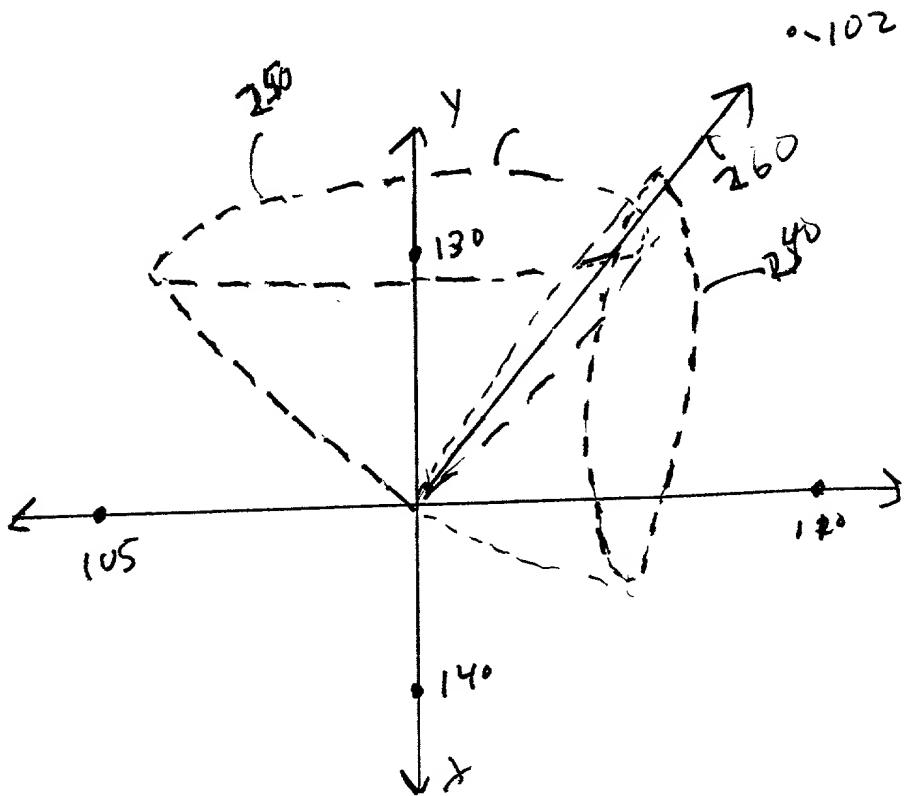


FIG 2 (prior art)

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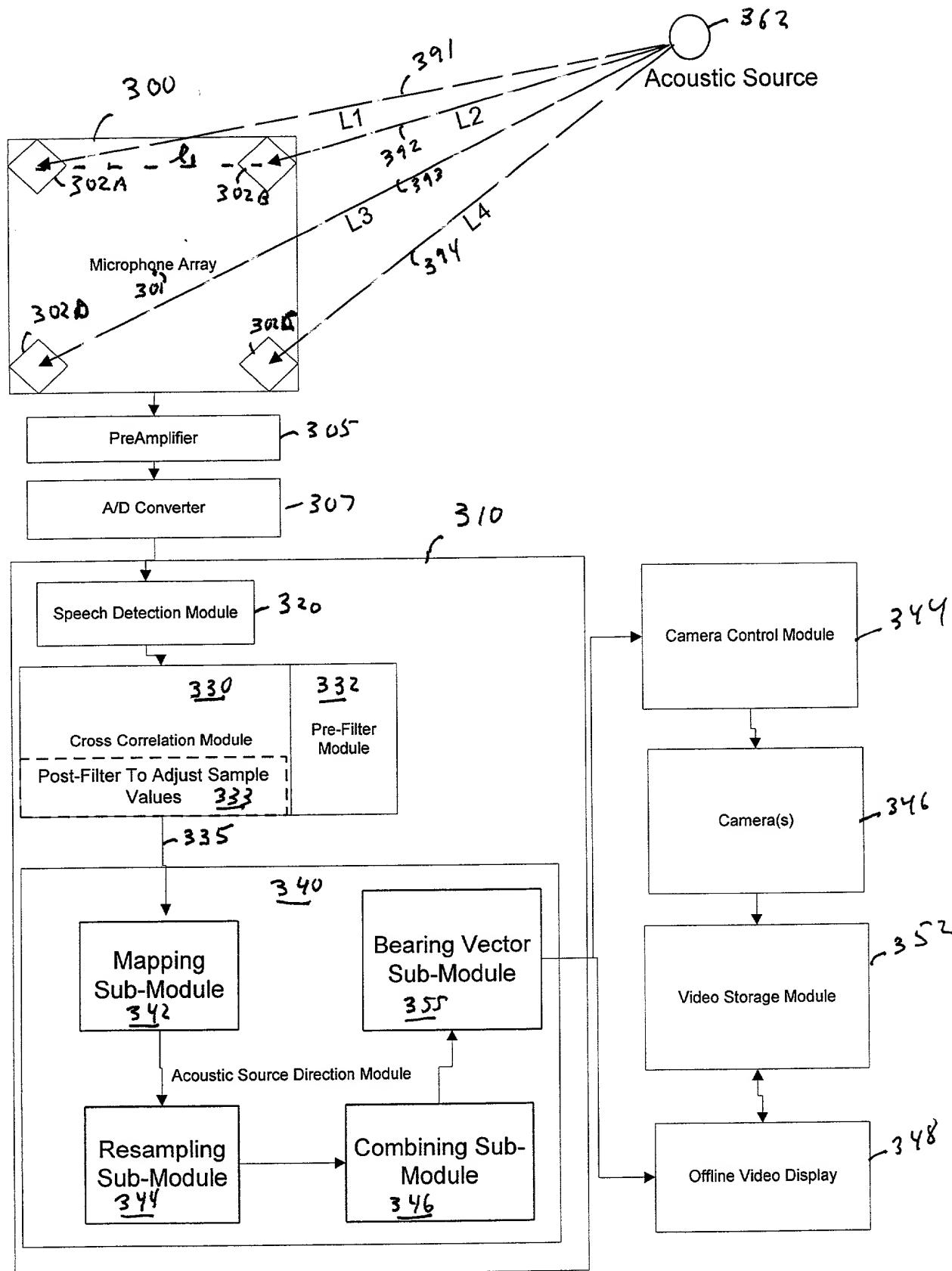


FIG. 3

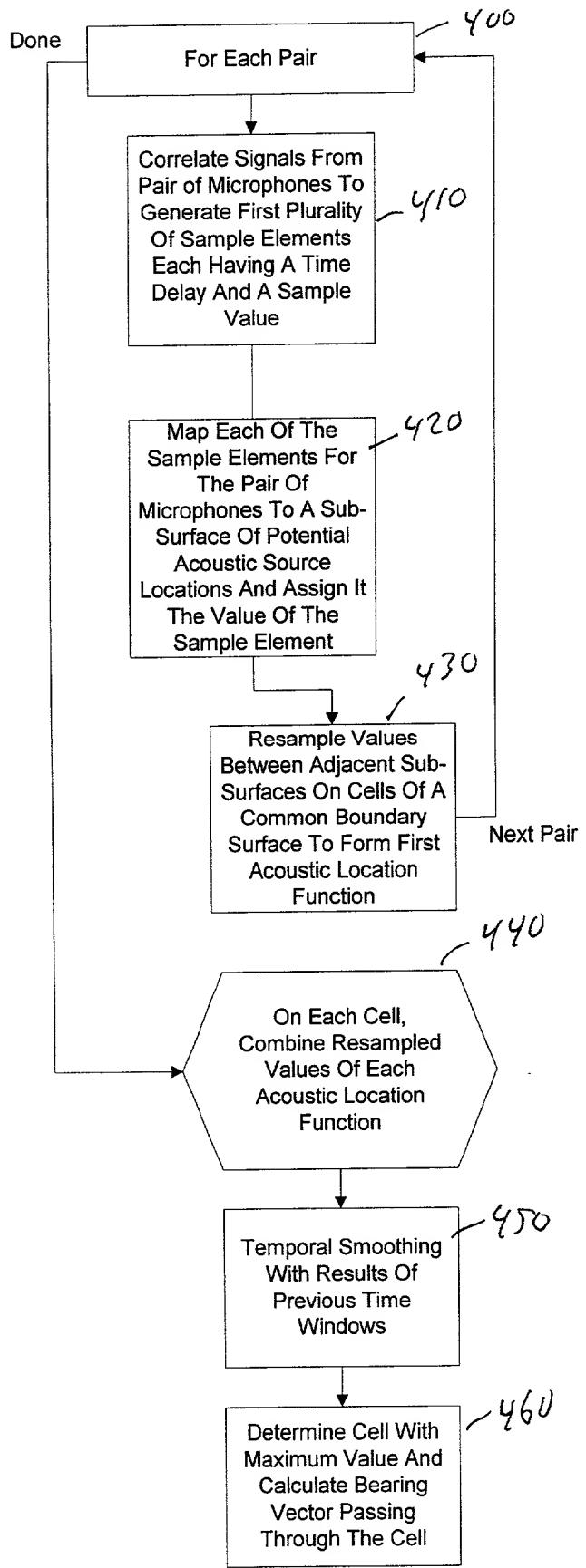


FIG. 4

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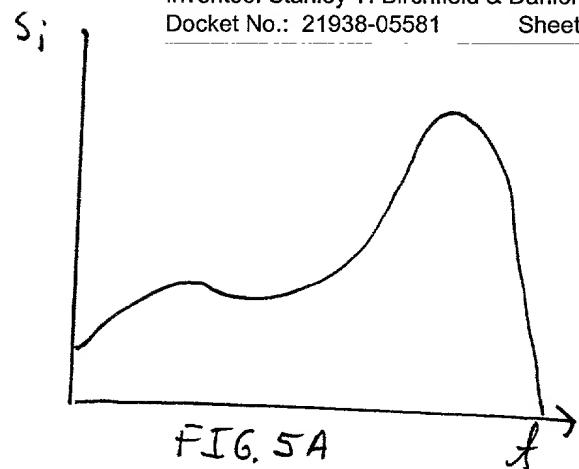


FIG. 5A

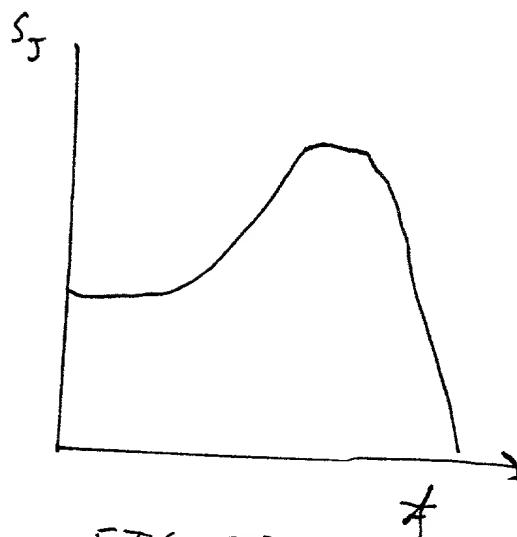


FIG. 5B

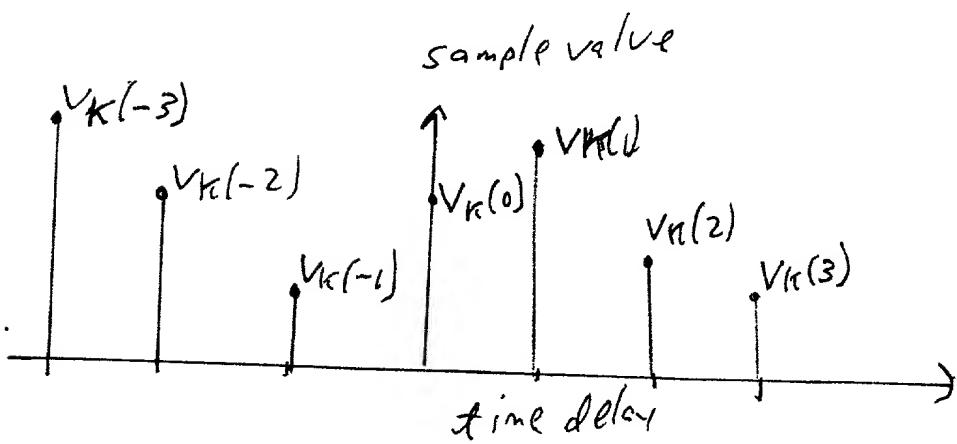


FIG. 5C

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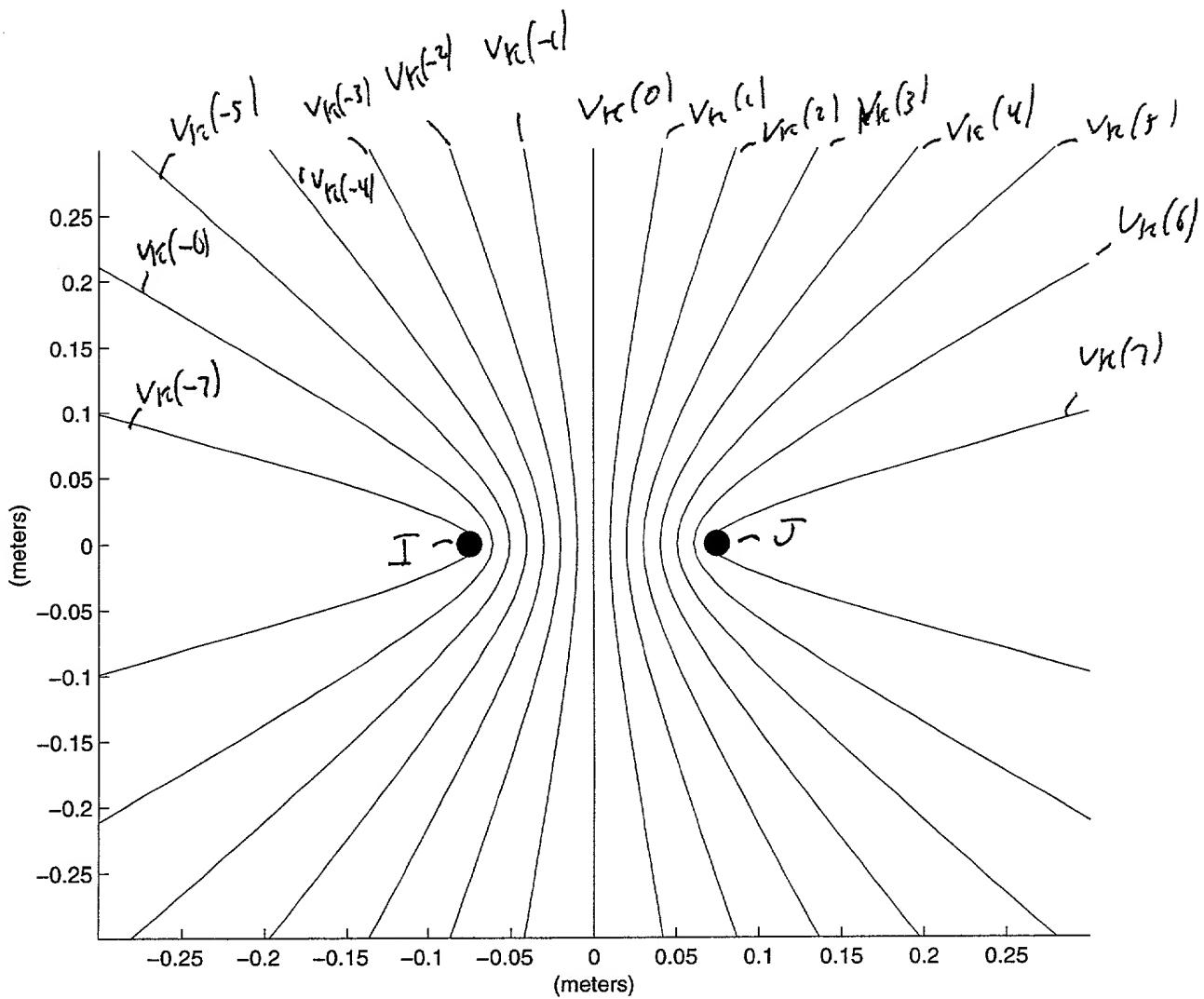


FIG. 5D

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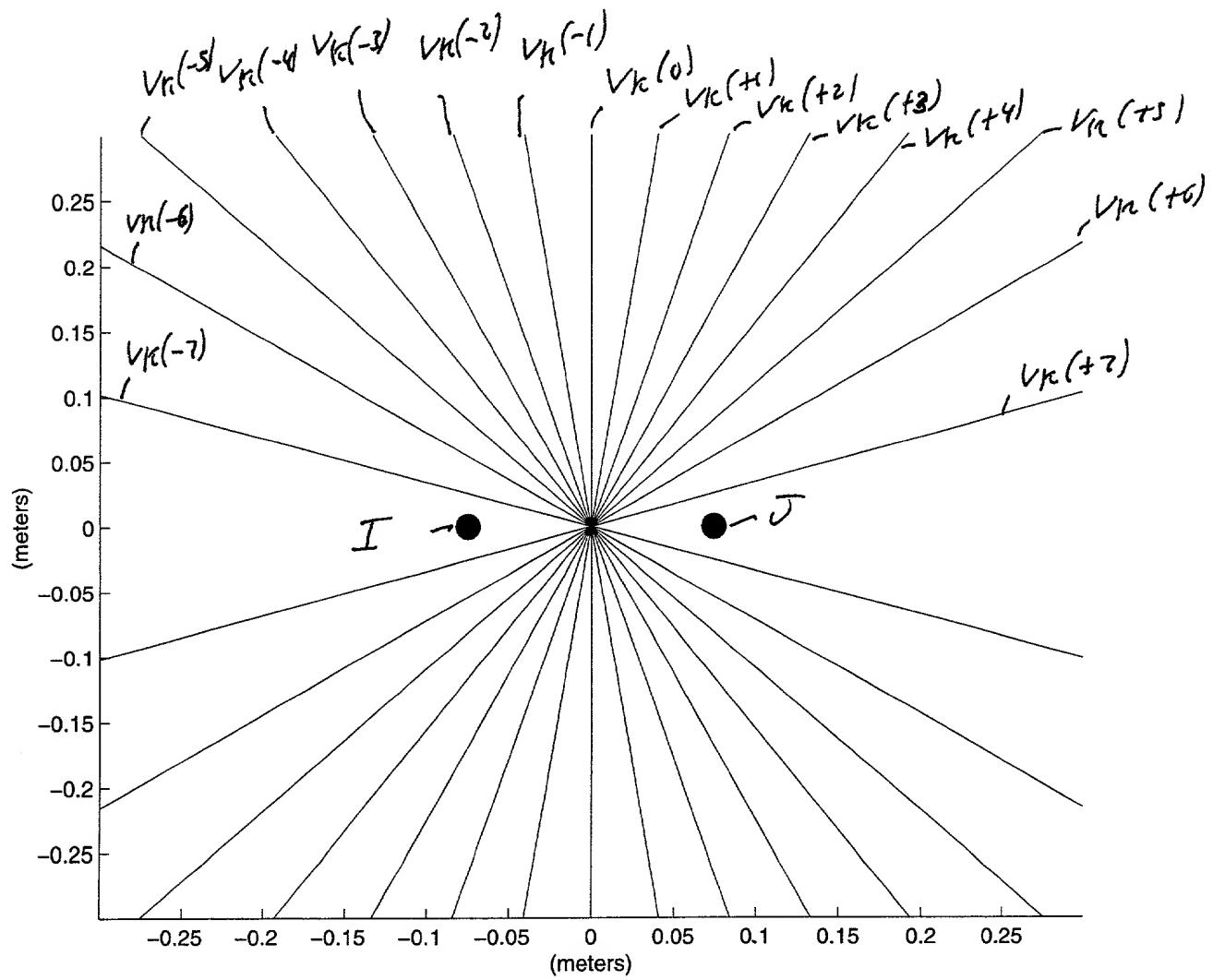


FIG. 5E

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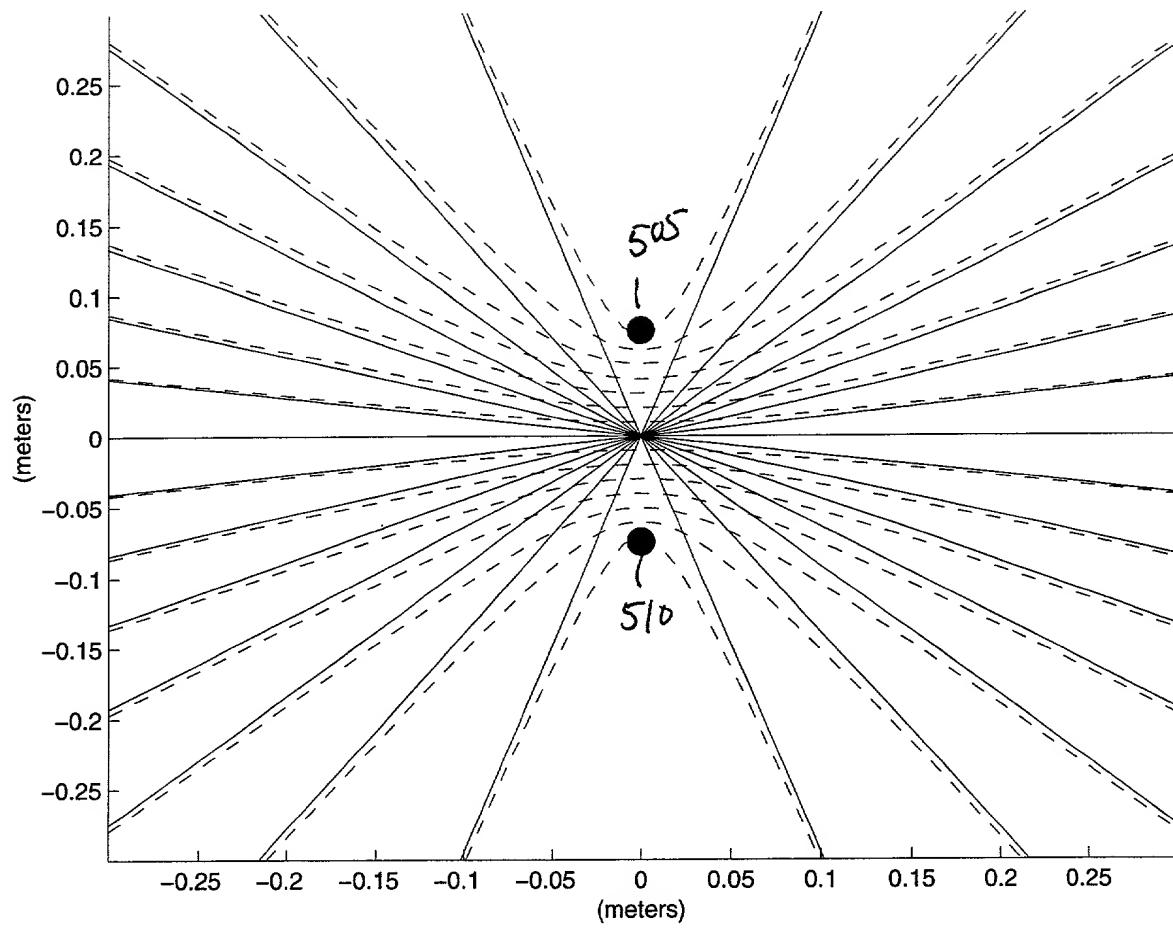
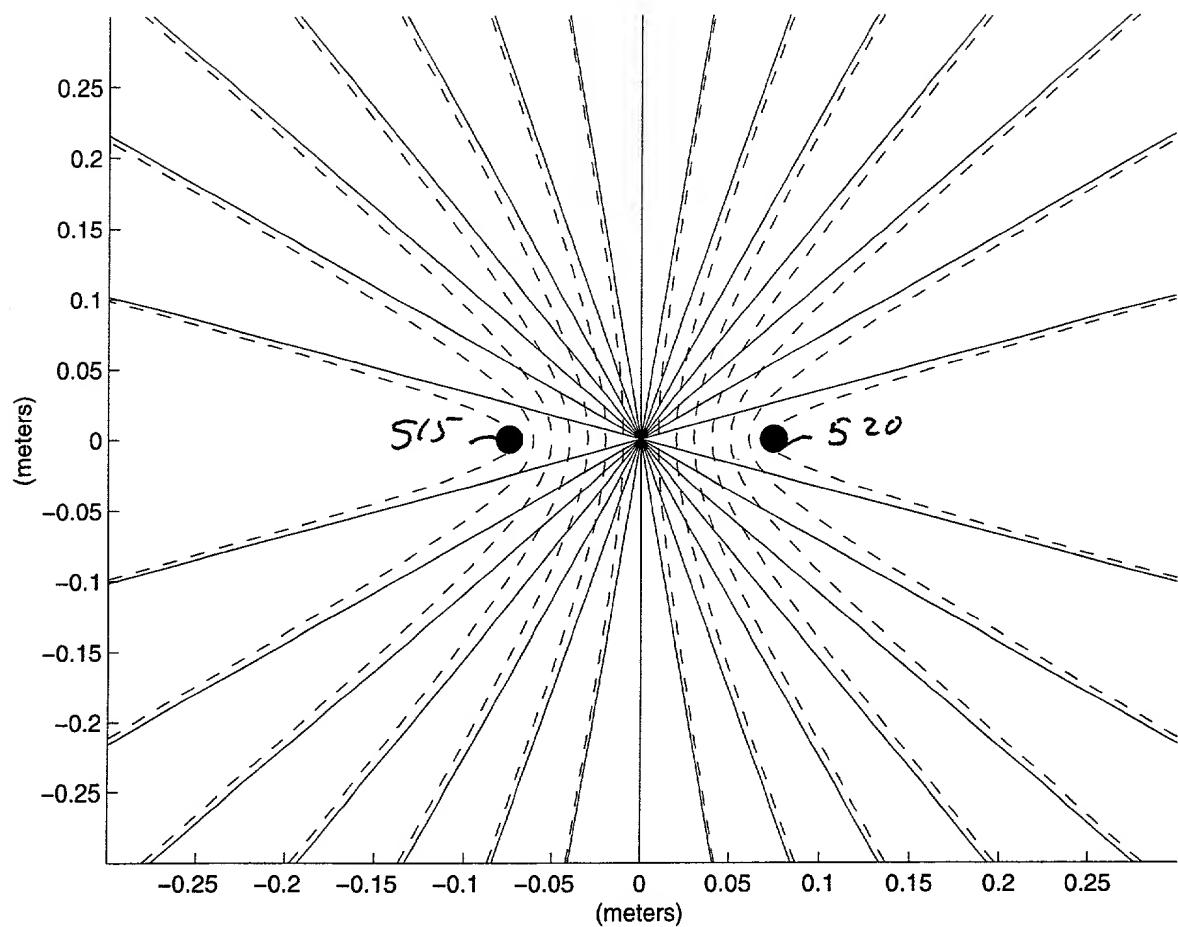


FIG. 5(f)

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F \pm 6.5(6)

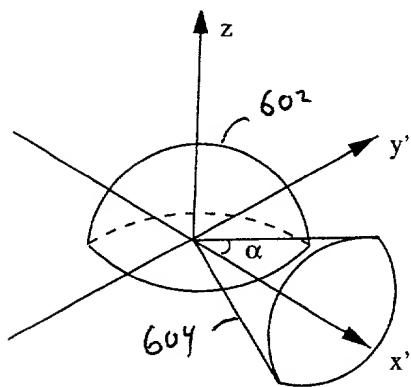


FIG. 6A

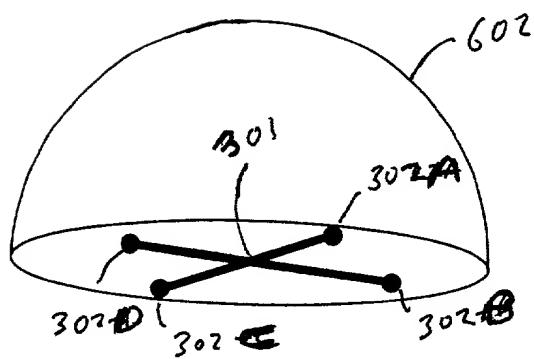


FIG. 6B

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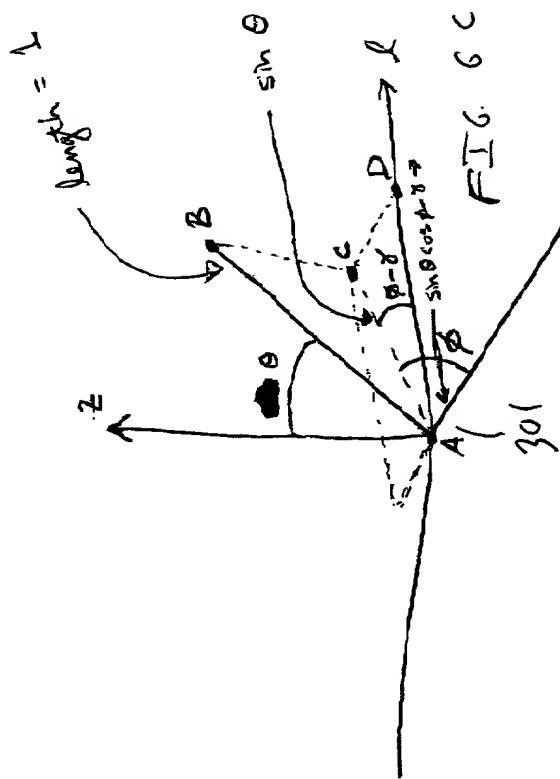
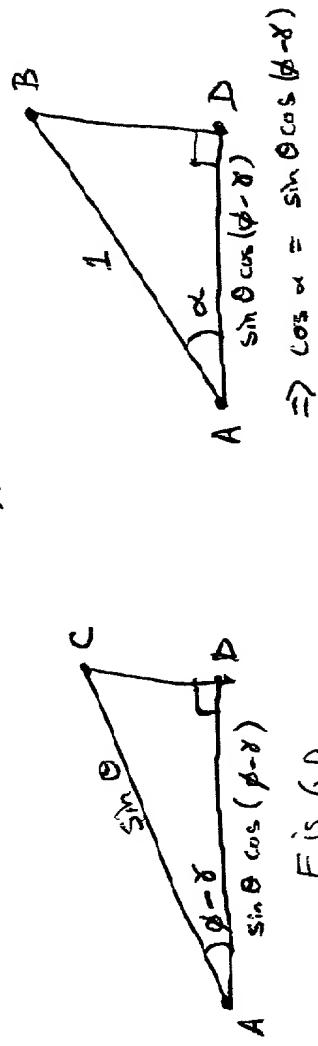


FIG. 6 C



$$\Rightarrow \cos \alpha = \sin \theta \cos (\beta - \gamma)$$

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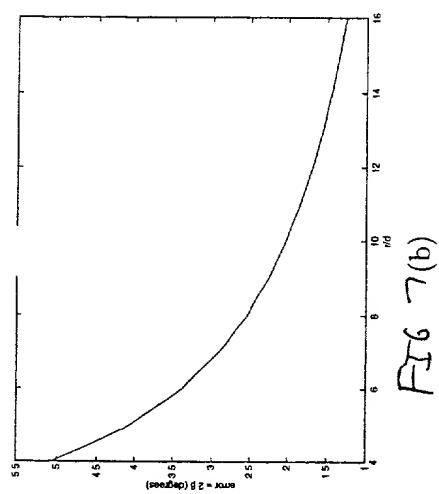


FIG 6 7(b)

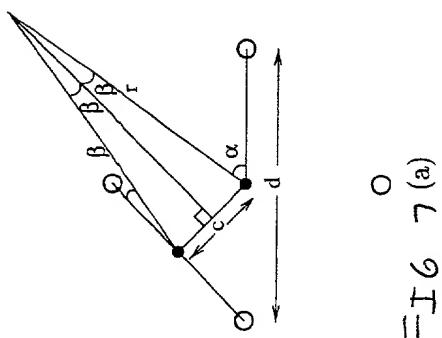


FIG 6 7 (a)

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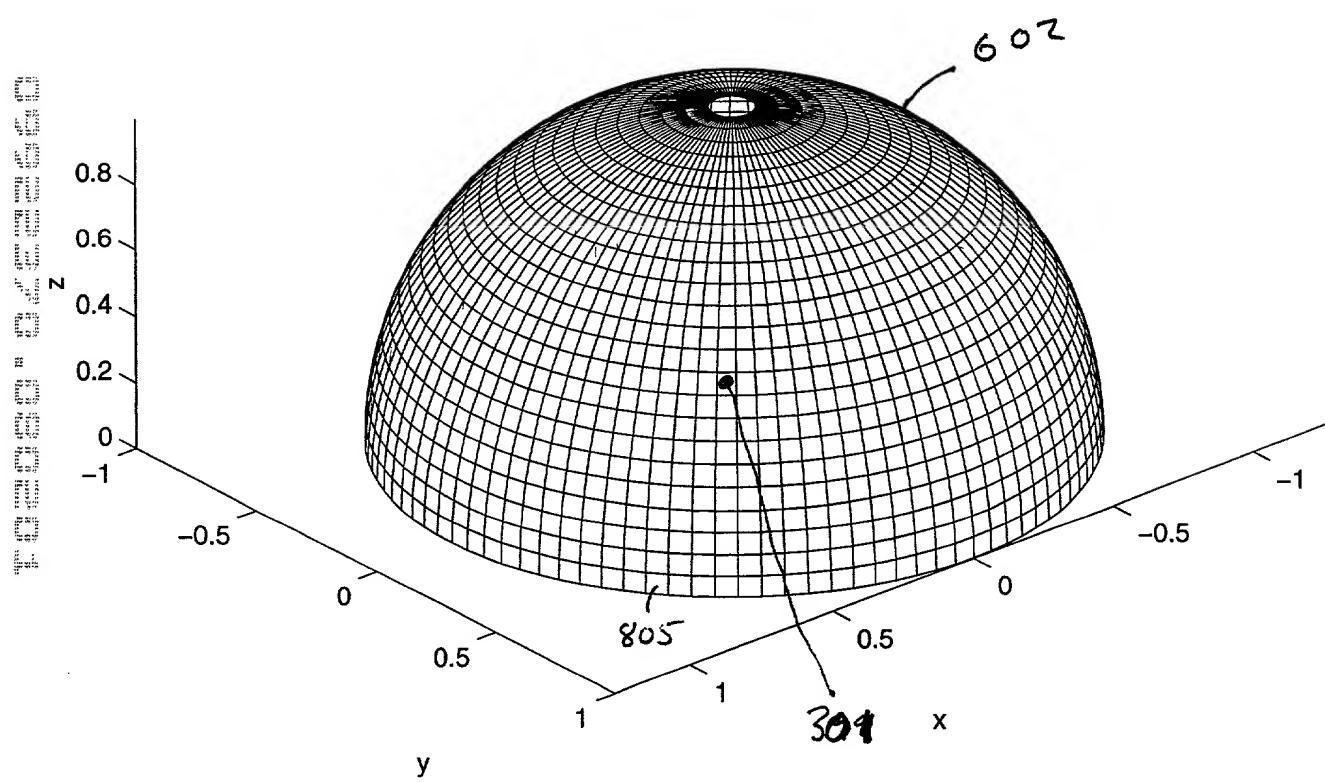


FIG 8